

2017 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 8/7/18

PROJECT INFORMATION						
Project Name		Date			PCD File No.	
Description	Quantity	Units	Price	Total	% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)						
* Earthwork	7,918.00	CY	\$ 9	= \$ 71,262		\$ 71,262 *
* Permanent Seeding (inc. noxious weed mgmnt.)	3.00	AC	\$ 582	= \$ 1,746		\$ 1,746 *
* Mulching	3.00	AC	\$ 527	= \$ 1,581		\$ 1,581 *
* Permanent Erosion Control Blanket		SY	\$ 6	= \$ -		\$ - *
* Permanent Pond/BMP Construction		CY	\$ 19	= \$ -		\$ - *
* Permanent Pond/BMP (Spillway)		EA		= \$ -		\$ - *
* Permanent Pond/BMP (Outlet Structure)		EA		= \$ -		\$ - *
Temporary Erosion Control Blanket		SY	\$ 3	= \$ -		\$ -
Vehicle Tracking Control	1.00	EA	\$ 2,242	= \$ 2,242		\$ 2,242
Safety Fence		LF	\$ 3	= \$ -		\$ -
Silt Fence		LF	\$ 4	= \$ -		\$ -
Temporary Seeding	3.00	AC	\$ 582	= \$ 1,746		\$ 1,746
Temporary Mulch		AC	\$ 527	= \$ -		\$ -
Erosion Bales		EA	\$ 24	= \$ -		\$ -
Erosion Logs	961.00	LF	\$ 6	= \$ 5,766		\$ 5,766
Rock Check Dams		EA	\$ 195	= \$ -		\$ -
Inlet Protection		EA	\$ 158	= \$ -		\$ -
Sediment Basin	2.00	EA	\$ 1,667	= \$ 3,334		\$ 3,334
Concrete Washout Basin	1.00	EA	\$ 1,000	= \$ 1,000		\$ 1,000
[insert items not listed but part of construction plans]				= \$ -		\$ -
MAINTENANCE (35% of Construction BMPs)				= \$ 4,931		\$ 4,931
* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
SECTION 1 SUBTOTAL				= \$ 93,608		\$ 93,608
SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		= \$ -		\$ - *
Aggregate Base Course (150 lbs/cf)		Tons	\$ 24	= \$ -		\$ - *
Asphalt Pavement (135 lbs/cf)		Tons	\$ 83	= \$ -		\$ - *
Raised Median, Paved		SF	\$ 8	= \$ -		\$ - *
Regulatory Sign		EA	\$ 177	= \$ -		\$ - *
Advisory Sign		EA	\$ 177	= \$ -		\$ - *
Guide/Street Name Sign		EA		= \$ -		\$ - *
Epoxy Pavement Marking		SF	\$ 12	= \$ -		\$ - *
Thermoplastic Pavement Marking		SF	\$ 22	= \$ -		\$ - *
Barricade - Type 3		EA	\$ 118	= \$ -		\$ - *
Delineator - Type I		EA	\$ 23	= \$ -		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	\$ 17	= \$ -		\$ - *
Curb and Gutter, Type B (Median)		LF	\$ 19	= \$ -		\$ - *
Curb and Gutter, Type C (Ramp)		LF	\$ 23	= \$ -		\$ - *
4" Sidewalk		SY	\$ 46	= \$ -		\$ - *
5" Sidewalk		SY	\$ 58	= \$ -		\$ - *
6" Sidewalk		SY	\$ 69	= \$ -		\$ - *
8" sidewalk		SY	\$ 92	= \$ -		\$ - *

PROJECT INFORMATION

PROJECT INFORMATION						
Project Name	Date			PCD File No.		
Description	Quantity	Units	Price	Total	% Complete	Remaining
(with Pre-plot Construction)						
Pedestrian Ramp		SY	\$ 143 =	\$ -		\$ - *
Cross Pan		SY	\$ 57 =	\$ -		\$ - *
Curb Chase		EA	\$ 1,400 =	\$ -		\$ - *
Guardrail Type 3 (W-Beam)		LF	\$ 46 =	\$ -		\$ - *
Guardrail Type 7 (Concrete)		LF	\$ 68 =	\$ -		\$ - *
Guardrail End Anchorage		EA	\$ 1,985 =	\$ -		\$ - *
Guardrail Impact Attenuator		EA	\$ 3,564 =	\$ -		\$ - *
Sound Barrier Fence		LF	\$ 108 =	\$ -		\$ - *
Electrical Conduit, Size =		LF	\$ 15 =	\$ -		\$ - *
Traffic Signal, complete intersection		EA	\$ 250,000 =	\$ -		\$ - *
			=	\$ -		\$ - *
<i>[insert items not listed but part of construction plans]</i>			=	\$ -		\$ - *

STORMDRAIN IMPROVEMENTS

Concrete Box Culvert (M Standard), Size (W x H)		LF	=	\$ -		\$ - *
18" Reinforced Concrete Pipe		LF	\$ 84 =	\$ -		\$ - *
24" Reinforced Concrete Pipe		LF	\$ 99 =	\$ -		\$ - *
30" Reinforced Concrete Pipe		LF	\$ 117 =	\$ -		\$ - *
36" Reinforced Concrete Pipe		LF	\$ 157 =	\$ -		\$ - *
42" Reinforced Concrete Pipe		LF	\$ 186 =	\$ -		\$ - *
48" Reinforced Concrete Pipe		LF	\$ 243 =	\$ -		\$ - *
54" Reinforced Concrete Pipe		LF	\$ 278 =	\$ -		\$ - *
60" Reinforced Concrete Pipe		LF	\$ 300 =	\$ -		\$ - *
66" Reinforced Concrete Pipe		LF	\$ 333 =	\$ -		\$ - *
72" Reinforced Concrete Pipe		LF	\$ 367 =	\$ -		\$ - *
18" Corrugated Steel Pipe		LF	\$ 71 =	\$ -		\$ - *
24" Corrugated Steel Pipe		LF	\$ 103 =	\$ -		\$ - *
30" Corrugated Steel Pipe		LF	\$ 109 =	\$ -		\$ - *
36" Corrugated Steel Pipe		LF	\$ 147 =	\$ -		\$ - *
42" Corrugated Steel Pipe		LF	\$ 159 =	\$ -		\$ - *
48" Corrugated Steel Pipe		LF	\$ 183 =	\$ -		\$ - *
54" Corrugated Steel Pipe		LF	\$ 208 =	\$ -		\$ - *
60" Corrugated Steel Pipe		LF	\$ 245 =	\$ -		\$ - *
66" Corrugated Steel Pipe		LF	\$ 301 =	\$ -		\$ - *
72" Corrugated Steel Pipe		LF	\$ 356 =	\$ -		\$ - *
78" Corrugated Steel Pipe		LF	\$ 411 =	\$ -		\$ - *
84" Corrugated Steel Pipe		LF	\$ 467 =	\$ -		\$ - *
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA	=	\$ -		\$ - *
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA	=	\$ -		\$ - *
End Treatment- Headwall		EA	=	\$ -		\$ - *
End Treatment- Wingwall		EA	=	\$ -		\$ - *
End Treatment - Cutoff Wall		EA	=	\$ -		\$ - *
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	\$ 5,243 =	\$ -		\$ - *
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	\$ 6,800 =	\$ -		\$ - *
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	\$ 7,895 =	\$ -		\$ - *
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	\$ 7,216 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	\$ 7,437 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	\$ 9,310 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	\$ 9,383 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	\$ 10,060 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	\$ 11,000 =	\$ -		\$ - *

PROJECT INFORMATION

Project Name	Date			PCD File No.	
	Quantity	Units	Price	Total	(with Pre-plot Construction) % Complete Remaining
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	\$ 10,000 = \$	-	\$ - *
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	\$ 11,038 = \$	-	\$ - *
Grated Inlet (Type C), < 5' deep		EA	\$ 4,390 = \$	-	\$ - *
Grated Inlet (Type D), < 5' deep		EA	\$ 5,422 = \$	-	\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	\$ 11,000 = \$	-	\$ - *
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	\$ 6,050 = \$	-	\$ - *
Geotextile (Erosion Control)		SY	\$ 6 = \$	-	\$ - *
Rip Rap, d50 Size from 6" to 24"		CY	\$ 88 = \$	-	\$ - *
Rip Rap, Grouted		CY	\$ 215 = \$	-	\$ - *
Drainage Channel Construction, Size (W x H)		LF	= \$	-	\$ - *
Drainage Channel Lining, Concrete		CY	\$ 539 = \$	-	\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 106 = \$	-	\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,390 = \$	-	\$ - *
Drainage Channel Lining, Other Stabilization			= \$	-	\$ - *
			= \$	-	\$ - *
			= \$	-	\$ - *
<i>[insert items not listed but part of construction plans]</i>			= \$	-	\$ - *
* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)					
Section 2 Subtotal = \$				-	\$ - *

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by El Paso County)**

ROADWAY IMPROVEMENTS

			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -

STORMDRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)

			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -
			= \$	-	\$ -

WATER SYSTEM IMPROVEMENTS

Water Main Pipe (PVC), Size 8"		LF	\$ 94 = \$	-	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 137 = \$	-	\$ -
Gate Valves, 8"		EA	\$ 1,852 = \$	-	\$ -
Fire Hydrant Assembly w/ all valves		EA	\$ 6,430 = \$	-	\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,253 = \$	-	\$ -
Fire Cistern Installation, complete		EA	= \$	-	\$ -
			= \$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>			= \$	-	\$ -

SANITARY SEWER IMPROVEMENTS

Sewer Main Pipe (PVC), Size 8"		LF	\$ 94 = \$	-	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,575 = \$	-	\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,516 = \$	-	\$ -
Sanitary Sewer Lift Station, complete		EA	= \$	-	\$ -
			= \$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>			= \$	-	\$ -

LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)

PROJECT INFORMATION						
Project Name	Date			PCD File No.		
Description	Quantity	Units	Price	Total	(with Pre-plat Construction)	
		EA	= \$	-	% Complete	Remaining
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
** - Section 3 is not subject to defect warranty				Section 3 Subtotal =	\$ -	\$ -
AS-BUILTS (Public Improvements)		LS	= \$	-		\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-		\$ -
Total Construction Financial Assurance					\$	93,608
(Sum of all section subtotals plus as-builts and pond verification)						
Total Remaining Construction Financial Assurance (with pre-plat construction)					\$	93,608
(Sum of all section totals less credit for items complete plus as-builts and pond verification)						
Total Defect Warranty Financial Assurance					\$	14,918
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						

Approvals

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

[Signature]
 Engineer (P.E. Seal Required) _____ Date _____

[Signature]
 Approved by Owner / Applicant _____ Date _____

Approved
 by Elizabeth Nijkamp
 El Paso County Planning and Community Development
 on behalf of Jennifer Irvine, County Engineer, ECM Administrator

11/28/2018 5:39:13 PM

Approved by El Paso County Engineer / ECM Administrator _____ Date _____